

1. (Canceled)

2. (Previously Presented) A preparation for topical application comprising the following components:

- (a) at least one salt selected from alkali metal salts, alkaline earth metal salts and other minerals,
- (b) at least one individual amino acid in pure form, with the proviso that the amino acid is not an amino acid derivative,
- (c) zinc oxide and an inorganic peroxide, and
- (d) 2 to 50% by weight, based on the sum of all components in the preparation, of at least one secondary plant substance selected from the group consisting of carotinoids, phytosterols, saponins, polyphenols, flavonoids, terpenes, phytoestrogens, sulfides, phytic acid and combinations thereof.

3. (Previously Presented) A preparation for topical application comprising the following components:

- (a) at least one salt selected from alkali metal salts, alkaline earth metal salts and other minerals,
- (b) at least one individual amino acid in pure form, with the proviso that the amino acid is not an amino acid derivative,
- (c) zinc oxide and an inorganic peroxide,
- (d) 2 to 50% by weight, based on the sum of all components in the preparation, of at least one secondary plant substance selected from the group consisting of carotinoids, phytosterols,

saponins, polyphenols, flavonoids, terpenes, phytoestrogens, sulfides, phytic acid and combinations thereof, and  
(e) at least one polyunsaturated fatty acid of vegetable sources.

4. (Previously Presented) The preparation according to claim 2, said preparation further comprising at least one unsaturated fatty acid.

5. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation additionally comprising tecto-betaine and/or at least one epigallocatechine and/or at least one trace element.

6. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation additionally comprising at least one liposome and/or at least one vitamin.

7. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation additionally comprising at least one adstringent agent and/or at least one humectant and/or at least one ethereal oil.

8. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation additionally comprising antifungal and/or antimicrobial components.

9. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation additionally comprising at least one component selected from carrier substances, adjuvants, additives, binding agents, adhesive agents and solvents.

10. (Previously Presented) The preparation according to any one of claims 2 to 4, said preparation comprising the following components:

- (a) 10 to 90 wt.-% of the at least one salt selected from alkali metal salts, alkaline earth metal salts and other minerals,
- (b) 0.1 to 40 wt.-% of the at least one individual amino acid in pure form, and
- (c) a total amount of zinc oxide and inorganic peroxide of 0.5 to 50 wt.-%, based on the sum of all components in the preparation.

11. (Previously Presented) The preparation according to claim 2 or claim 3, wherein:

- (a) the at least one metal salt is selected from sodium, potassium, magnesium, calcium, silicon, zinc, manganese, copper, iron, fluorine, chlorine, bromine, iodine and phosphorus, and
- (b) the at least one individual amino acid in pure form is selected from the group consisting of cystine, cysteine, proline, serine, histidine, glycine, leucine, isoleucine, valine, tyrosine, arginine, lysine, asparagine and glutamine.

12. (Previously Presented) The preparation according to claim 2 or claim 3, wherein the inorganic peroxide is selected from the group consisting of zinc peroxide, sodium peroxide, potassium peroxide, calcium peroxide or magnesium peroxide.

13. (Previously Presented) A method of administering a preparation as described in claim 3, wherein the preparation is administered topically.

14-16. (Cancelled)

17. (Previously Presented) A method of administering a preparation as described in claim 2, wherein said preparation is administered topically.

18. (Previously Presented) A cosmetic comprising a preparation as described in claim 2.

19. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 2 and a pharmaceutically acceptable carrier.

20-21. (Cancelled)

22. (Previously Presented) A cosmetic comprising a preparation as described in claim 3.

23. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 3 and a pharmaceutically acceptable carrier.

24. (Previously Presented) A cosmetic comprising a preparation as described in claim 4.

25. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 4 and a pharmaceutically acceptable carrier.

26. (Previously Presented) A cosmetic comprising a preparation as described in claim 5.

27. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 5 and a pharmaceutically acceptable carrier.

28. (Previously Presented) A cosmetic comprising a preparation as described in claim 6.

29. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 6 and a pharmaceutically acceptable carrier.

30. (Previously Presented) A cosmetic comprising a preparation as described in claim 7.

31. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 7 and a pharmaceutically acceptable carrier.

32. (Previously Presented) A cosmetic comprising a preparation as described in claim 8.
33. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 8 and a pharmaceutically acceptable carrier.
34. (Previously Presented) A cosmetic comprising a preparation as described in claim 9.
35. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 9 and a pharmaceutically acceptable carrier.
36. (Previously Presented) A cosmetic comprising a preparation as described in claim 10.
37. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 10 and a pharmaceutically acceptable carrier.
38. (Previously Presented) A cosmetic comprising a preparation as described in claim 11.
39. (Previously Presented) A pharmaceutical composition comprising a preparation as described in claim 11 and a pharmaceutically acceptable carrier.

40. (Previously Presented) A method of treating skin irritations, sun burn, cellulitis, wrinkles, acne, neurodermatitis, ozone damage, burns, caustic burns, thickenings, edemas, hematomas, or hemorrhoids comprising topically administering to a patient in need of such treatment a pharmaceutically effective amount of the preparation as described in claim 2 or claim 3.

41. (Withdrawn) A method of treating skin cancer comprising topically administering to a patient in need of such treatment a pharmaceutically effective amount of the preparation as described in claim 2 or claim 3.

42. (Withdrawn) A method of treating herpes comprising topically administering to a patient in need of such treatment a pharmaceutically effective amount of the preparation as described in claim 2 or claim 3.

43. (Withdrawn) A method of increasing microcirculation of cells, which comprises administering to a subject in need thereof an effective amount of a preparation for topical application according to claim 2.

44. (Cancelled)

45. (New) A preparation for topical application comprising the following components:

- (a) at least one salt selected from alkali metal salts, alkaline earth metal salts and other minerals,
- (b) at least one individual amino acid in pure form, with the proviso that the amino acid is not an amino acid derivative,
- (c) zinc oxide and an inorganic peroxide, and

(d) at least one secondary plant substance comprising polyphenols.

46. (New) A preparation for topical application comprising the following components:

- (a) at least one salt selected from alkali metal salts, alkaline earth metal salts and other minerals,
- (b) at least one individual amino acid in pure form, with the proviso that the amino acid is not an amino acid derivative,
- (c) zinc oxide and an inorganic peroxide,
- (d) at least one secondary plant substance comprising polyphenols, and,
- (e) at least one polyunsaturated fatty acid of vegetable sources.

47. (New) A method of treating cellulitis comprising topically administering to a patient in need of such treatment a pharmaceutically effective amount of the preparation as described in claim 45 or claim 46.